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AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows. This listing of claims will replace all prior listings.

1. (CURRENTLY AMENDED) A An independent undercarriage module for a low floor vehicle comprising:

a subframe having a first subframe segment mountable adjacent a first vehicle underside profile segment and a second subframe segment mountable adjacent a second vehicle underside profile segment, the first vehicle underside profile segment defining a floor for a vehicle ~~the~~ aisle and the second vehicle underside profile segment defining the floor beneath a passenger seat; and
a suspension system mounted to said subframe.

2. (ORIGINAL) A module as recited in Claim 1 wherein said suspension system is mounted substantially below said second subframe segment with reference to the vehicle.

3. (ORIGINAL) A module as recited in Claim 2 wherein said suspension system includes a non-driven vehicle wheel.

4. (ORIGINAL) A module as recited in Claim 1 wherein said subframe is manufactured of a composite material.

5. (ORIGINAL) A module as recited in Claim 4 wherein said subframe includes a laminate material which resists torsional loads.

6. (ORIGINAL) A module as recited in Claim 4 wherein said subframe is a single continuous member.

7. (ORIGINAL) A module as recited in Claim 4 wherein said subframe includes a multiple of substantially planar members.

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8. (ORIGINAL) A module as recited in Claim 1 further including a plurality of resilient dampers mounted to said subframe.

9. (ORIGINAL) A module as recited in Claim 8 wherein said resilient dampers are mounted between said subframe and the vehicle underside.

10. (ORIGINAL) A module as recited in Claim 9 wherein said resilient dampers filter high frequency vibrations generated by said suspension system.

11. (CURRENTLY AMENDED) A An independent undercarriage module for a low floor vehicle comprising:

a composite subframe having a first subframe segment mountable adjacent a first vehicle underside profile segment and a second subframe segment mountable adjacent a second vehicle underside profile segment, the first vehicle underside profile segment defining a floor for a vehicle side aisle and the second vehicle underside profile segment defining the floor beneath a passenger seat;

a suspension system mounted to said second subframe segment; and

a plurality of resilient dampers are mounted between said subframe and the vehicle underside.

12. (ORIGINAL) A module as recited in Claim 11 wherein said subframe includes a laminate material which resists torsional loads.

13. (ORIGINAL) A module as recited in Claim 12 wherein said subframe is a single continuous member.

14. (ORIGINAL) A module as recited in Claim 12 wherein said first and second subframe segments are planar members.

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15. (ORIGINAL) A module as recited in Claim 11 wherein said resilient dampers filter high frequency vibrations generated by said suspension system.

16. (NEW) An independent undercarriage module for a low floor vehicle comprising:
a composite material subframe, said subframe comprising a single continuous member having a first subframe segment mountable adjacent a first vehicle underside profile segment and a second subframe segment mountable adjacent a second vehicle underside profile segment, the first underside profile segment defines a floor for a vehicle aisle and the second vehicle underside profile segment defining the floor beneath a passenger seat; and
a suspension system mounted to said composite material subframe.

17. (NEW) An independent undercarriage module for a low floor vehicle comprising:
a composite subframe having a first subframe segment mountable adjacent a first vehicle underside profile segment and a second subframe segment mountable adjacent a second vehicle underside profile segment, the first vehicle underside profile segment defining a floor for a vehicle aisle and the second vehicle underside profile segment defining the floor beneath a passenger seat, said subframe comprises a single continuous member of a laminate material which resists torsional loads;
a suspension system mounted to said second subframe segment; and
a plurality of resilient dampers arc mounted between said subframe and the vehicle underside.

18. (NEW) A module as recited in Claim 1 wherein said first subframe segment is substantially parallel to and offset from said second subframe segment.

19. (NEW) A module as recited in Claim 11 wherein said first subframe segment is substantially parallel to and offset from said second subframe segment.

20. (NEW) A module as recited in Claim 1 wherein said subframe forms a portion of a vehicle underside.

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21. (NEW) A module as recited in Claim 11 wherein said subframe forms a portion
of a vehicle underside.
